

CLAIMS

What is claimed is:

1. A component mounting apparatus comprising:

a rotary table driven to rotate intermittently;

a plurality of mounting heads disposed on a peripheral surface of the rotary table;

a plurality of motors respectively provided in each of the plurality of mounting heads;

an annular driver having an axis of rotation coaxial with the rotary table including a plurality of motor drivers respectively connected to each of the plurality of motors; and

a controller placed in a stationary part of the apparatus for inputting drive power and control signals to the annular driver.

2. The component mounting apparatus according to Claim

1, wherein the annular driver includes a plurality of motor driver mounting plates for attaching the motor drivers,

arranged in parallel to the axis of rotation of the annular

driver and spaced apart from each other.

3. The component mounting apparatus according to Claim

1, wherein the annular driver includes a plurality of motor driver mounting plates for attaching the motor drivers,

arranged radially with respect to the axis of rotation of the

annular driver.

4. The component mounting apparatus according to Claim
3, wherein each of the plurality of motor driver mounting
5 plates includes a notch at an inner peripheral side edge
thereof and a fastening member at an outer peripheral side
edge thereof.

5. The component mounting apparatus according to Claim
2, further comprising a display connected to the controller,
wherein the controller stops operation of the component
mounting apparatus upon detecting a malfunction in any one of
the plurality of motor drivers, reports the malfunction
through the display, and drives the rotary table to cause the
malfunctioning motor driver to a predetermined maintenance
position.